

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number
WO 2004/065705 A1

(51) International Patent Classification⁷: **E03F 1/00**

(21) International Application Number:
PCT/US2004/000896

(22) International Filing Date: 13 January 2004 (13.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/341,776 14 January 2003 (14.01.2003) US

(71) Applicant and

(72) Inventor: TSIGONIS, Robert, C. [US/US]; P.O. Box
10750, Fairbanks, AK 99710-0750 (US).

(74) Agent: COHEN, Joshua, L.; Ratner & Prestia, P.O. Box
980, Valley Forge, PA 19482 (US).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

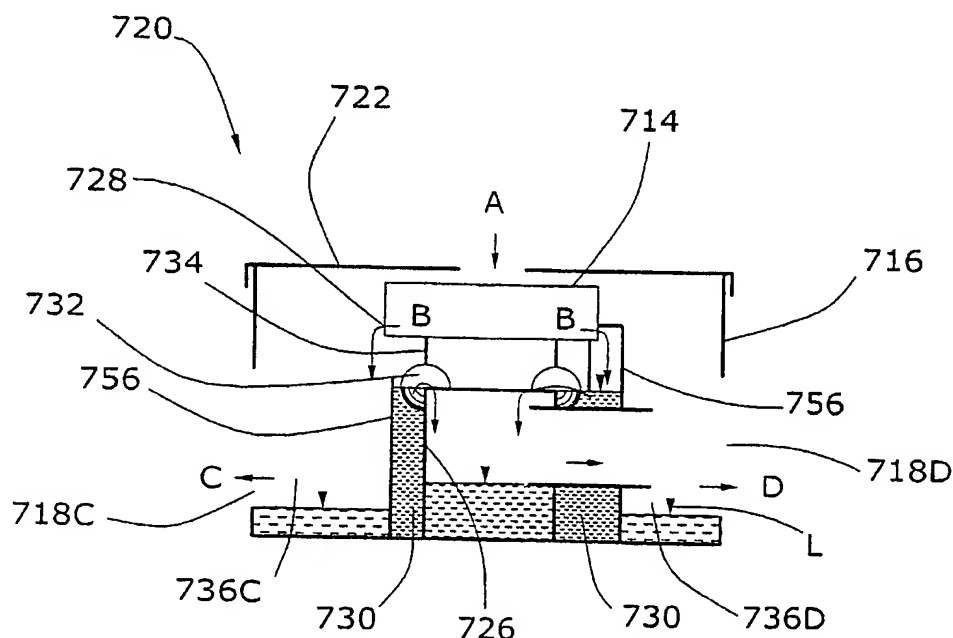
Published:

— with international search report

— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: SYSTEM AND METHOD FOR DISTRIBUTING LIQUID FLOW INTO PREDETERMINED PROPORTIONS



(57) Abstract: A system configured to distribute liquid flow into predetermined proportions is provided. The system includes a distributor defining a plurality of distributor outlets configured to deliver liquid from the distributor. A receptacle is positioned to receive liquid, the receptacle defining a plurality of receptacle outlets oriented to deliver liquid portions toward the distributor outlets. The receptacle is selfleveling such that liquid is divided by the receptacle outlets into predetermined proportions.

WO 2004/065705 A1